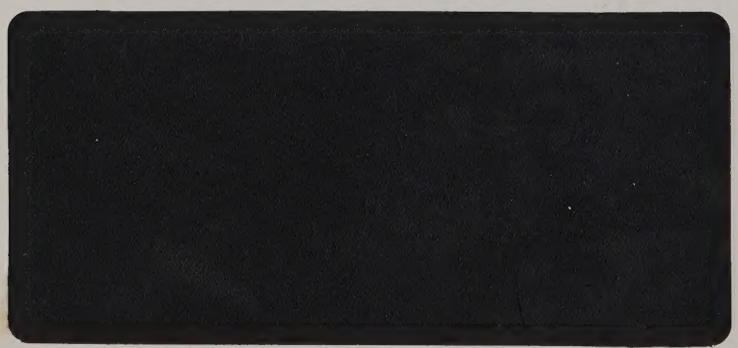
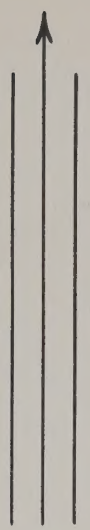
Parts Catalog

ARC TYPE T-22 TRANSMITTER

Aircraft Radio Corporation — *Boonton, New Jersey*





Parts Catalog

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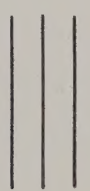
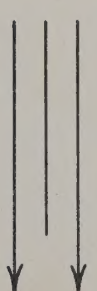


ARC TYPE T-22

TRANSMITTER



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SECTION I

GENERAL INFORMATION

1-1. INTRODUCTION.

This book contains parts information for the ARC Type T-22 Transmitter (Figure 1) manufactured by Aircraft Radio Corporation, Boonton, New Jersey.

1-2. PARTS LIST.

The Parts List, Section II, consists of a breakdown of the equipment into assemblies, subassemblies, and detail parts. Items which are made from bulk stock, such as cut lengths of wire, are not included.

The description column lists each assembly, or subassembly, and its detail parts properly indented to show their relationship to the assembly or subassembly. Attaching parts are listed in the same indented column, following the parts they attach. The symbol "- - - * - - -" indicates the completion of the attaching parts. A reference to a figure and index number in the description column refers to a separate illustration and listing in which the detail parts are shown, or to the illustration on which the part is shown as an assembled item. Parts which are limited in use to a specific model or serial number group are identified by noting the applicable model or serial numbers. Codes and part numbers of manufacturers (paragraph 1-5) other than ARC are also included in parentheses in the description column.

Except for attaching parts, the quantities listed in the units-per-assembly column are the quantities per assembly, per subassembly, etc. The quantities specified, therefore, are not necessarily the total for the equipment; total quantities are listed in the Numerical Index, Section III. The letters "AR" denote that the quantity used is "as required." "Ref" indicates an assembly which was removed previously and which is relisted for reference purposes.

1-3. NUMERICAL INDEX.

The part number column of the Numerical Index, Section III, lists all part numbers included in the Parts List, cross-referenced to the figure and index numbers, and is compiled in accordance with the following alphabetical-numerical system.

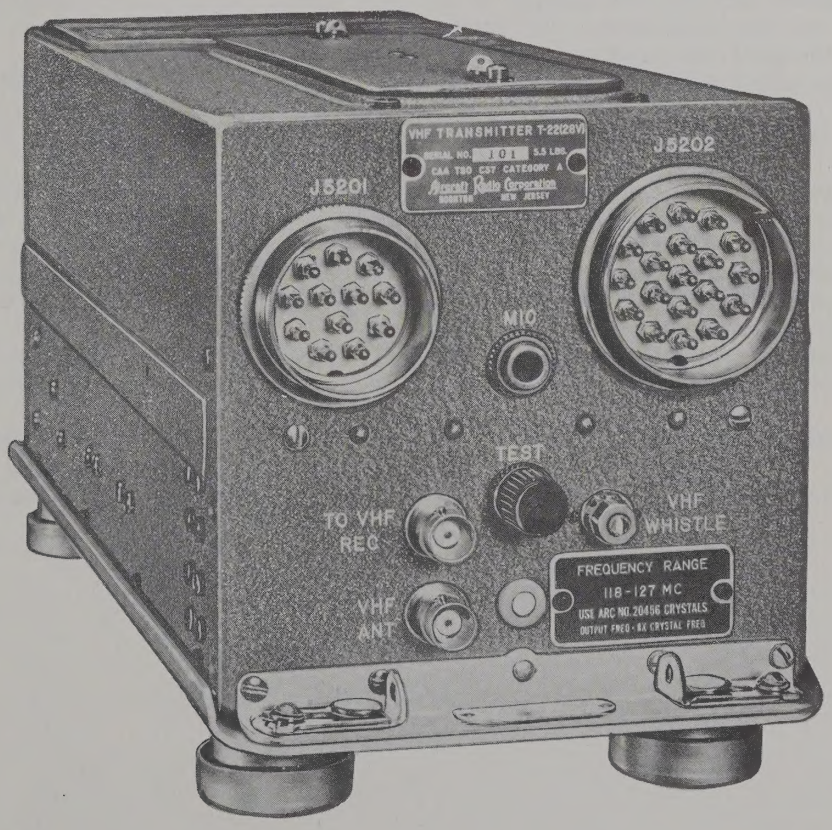

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Figure 1. ARC Type T-22 Transmitter

Part number arrangement starts at the left and continues from left to right, one column at a time, until part number position in the numerical index is determined. Beginning with the first column, the order of precedence to determine the part number position is as follows:

1. Letters A through Z
2. Numerals 0 through 9

Continuing with the second and succeeding column, the order of precedence to determine the part number position is as follows:

1. Space (blank column)
2. Diagonal (slant) /
3. Point (period) .
4. Dash (—)
5. Parentheses ( )
6. Letters A through Z
7. Numerals 0 through 9

Alphabetical O's are considered as numerical zeros. Parts which have neither an ARC nor a manufacturer's part number are listed by item name and identifying characteristics.

The total quantity column lists the total quantity of assemblies or parts for the equipment. The letters "AR" indicate that the quantities used are indeterminate (as required) and no definite quantity can be shown.

1-4. REFERENCE DESIGNATION INDEX.

The Reference Designation Index, Section IV, lists the reference designations which have been assigned to the parts of the equipment, cross-referenced to the figure and index numbers and the part number. The reference designation column lists the reference designations in alphabetical-numerical sequence. All reference designations used in illustrations and publications pertaining to the equipment are listed.

1-5. MANUFACTURER'S CODE.

The following is a list of manufacturers' codes, and the corresponding names and addresses, which are referenced in this Parts Catalog.

CODE	NAMES AND ADDRESSES
AB	ALLEN-BRADLEY CO. Milwaukee, Wisconsin
CIN	CINCH MFG. CO. Chicago, Illinois
CN	CENTRALAB DIV. GLOBE UNION INC. Milwaukee, Wisconsin
EMM	ELECTRO MOTIVE MFG. CO. Willimantic, Connecticut
ERC	ERIE RESISTOR CORP. Erie, Pennsylvania
FMCD	MICRODOT DIV. FELTS CORP. South Pasadena, California
GE	GENERAL ELECTRIC CO. Schenectady, New York
GVP	GROOV PIN CORP. Ridgefield, New Jersey
HWH	HARDWICK HINDLE INC. Newark, New Jersey
IPC	INDUSTRIAL PRODUCTS CO. Danbury, Connecticut
JFE	JEFFERS ELECTRONICS DIV. SPEER CARBON CO. Dubois, Pennsylvania
JON	E. F. JOHNSON CO. Waseca, Minnesota
LGHI	G. H. LELAND INC. Dayton, Ohio
PK	PARKER KALON CORP. New York, New York
SH	SHAKEPROOF INC. DIV. ILLINOIS TOOL WORKS Chicago, Illinois

SECTION II

PARTS LIST

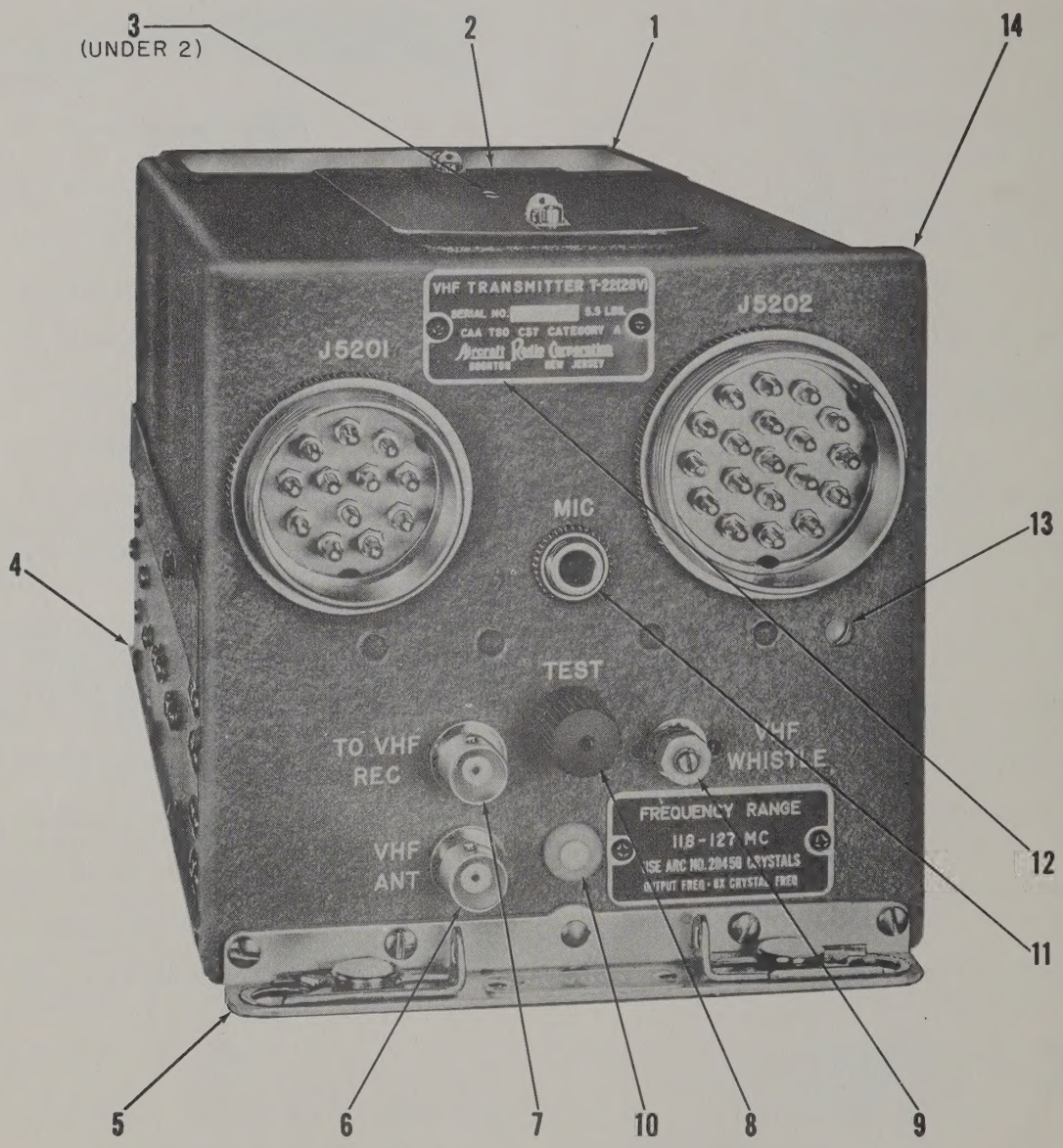

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Figure 2. T-22 Transmitter, Front Oblique View

Figure & Index No.	ARC Part No.	1 2 3 4 5 6 Description	Units per Assy
2-	20680(14V)	TRANSMITTER, VHF, ARC Type T-22 (14V).	1
2-	20680(28V)	TRANSMITTER, VHF, ARC Type T-22 (28V).	1
-1	17134	. COVER, Top.	1
		(ATTACHING PARTS)	
	513(3/16)	. SCREW, Assembled washer, bind hd, brs screw, sst lockwasher, . . blk oxidized, 3-48 thd by 3/16 in. lg (SH)(SEMS)	6
		- - - * - - -	
-2	19768	. COVER ASSEMBLY.	1
-3	18814	. SCREWDRIVER.	1
-4	5508	. COVER, Bottom	1
		(ATTACHING PARTS)	
	513(3/16)	. SCREW, Assembled washer, bind hd, brs screw, sst lockwasher, . . blk oxidized, 3-48 thd by 3/16 in. lg (SH)(SEMS)	14
		- - - * - - -	
-5	12155	. BRACKET, Mounting	1
		(ATTACHING PARTS)	
	236(1/8)	. RIVET, Tubular (TJL)(S-581)	1
	503(1/4)	. SCREW, Assembled washer, bind hd, brs screw, sst lockwasher, . . ni pl, 3-48 thd by 1/4 in. lg (SH)(SEMS)	2
	503(5/16)	. SCREW, Assembled washer, bind hd, brs screw, sst lockwasher, . . ni pl, 3-48 thd by 5/16 in. lg (SH)(SEMS)	2
		- - - * - - -	
-6	15185	. CONNECTOR, Receptacle, electrical (UG-625/U)(IPC)(IPC-18450). .	1
		(ATTACHING PARTS)	
	17004	. NUT, Shielding.	1
	12517	. WASHER, Flat, brs, ni pl, 0.380 ID by 0.500 OD by 0.020 in. thk. .	2
		- - - * - - -	
-7	15185	. CONNECTOR, Receptacle, electrical (UG-625/U)(IPC)(IPC-18450). .	1
		(ATTACHING PARTS)	
	—	. NUT, Hexagon (supplied with 7, Figure 2)	1
	12517	. WASHER, Flat, brs, ni pl, 0.380 ID by 0.500 OD by 0.020 in. thk. .	2
		- - - * - - -	
-8	8803(RED)	. JACK, Tip, red (JON)(105-602)	1
		(ATTACHING PARTS)	
	—	. NUT, Hexagon (supplied with 8, Figure 2)	1
		- - - * - - -	
-9	8682	. RESISTOR, Variable, composition, 50,000 ohms ±20 per cent, 1/3w.	1
		(AB)(GLB5032SD3028L)	
		(ATTACHING PARTS)	
	—	. NUT, Lock (AB)(M-4721)(supplied with 9, Figure 2)	1
	—	. NUT (AB)(M-4721)(supplied with 9, Figure 2)	1
	—	. WASHER, Lock (AB)(M-4748)(supplied with 9, Figure 2)	1
		- - - * - - -	
-10	17011	. BEARING, Nylon	1
		(ATTACHING PARTS)	
	17010	. RING, Retaining (WKI)(5100-31-C)	1
		- - - * - - -	
-11	9391	. JACK, Microphone	1
		(ATTACHING PARTS)	
	4697	. NUT, Knurled (supplied with 11, Figure 2)	1
	12517	. WASHER, Flat, brs, ni pl, 0.380 ID by 0.500 OD by 0.020 in. thk. .	1
		(supplied with 11, Figure 2)	
		- - - * - - -	
-12	20467	. PLATE, Identification (14V)	1
-12	20468	. PLATE, Identification (28V)	1
		(ATTACHING PARTS)	
	8081	. SCREW, Tapping, thread-forming, rh, phillips drive, stl, blk . . .	2
		parkerized, No. 2 by 5/32 in. lg (PK)(Z)	
		- - - * - - -	
-13	14699	. TERMINAL, Lug	1

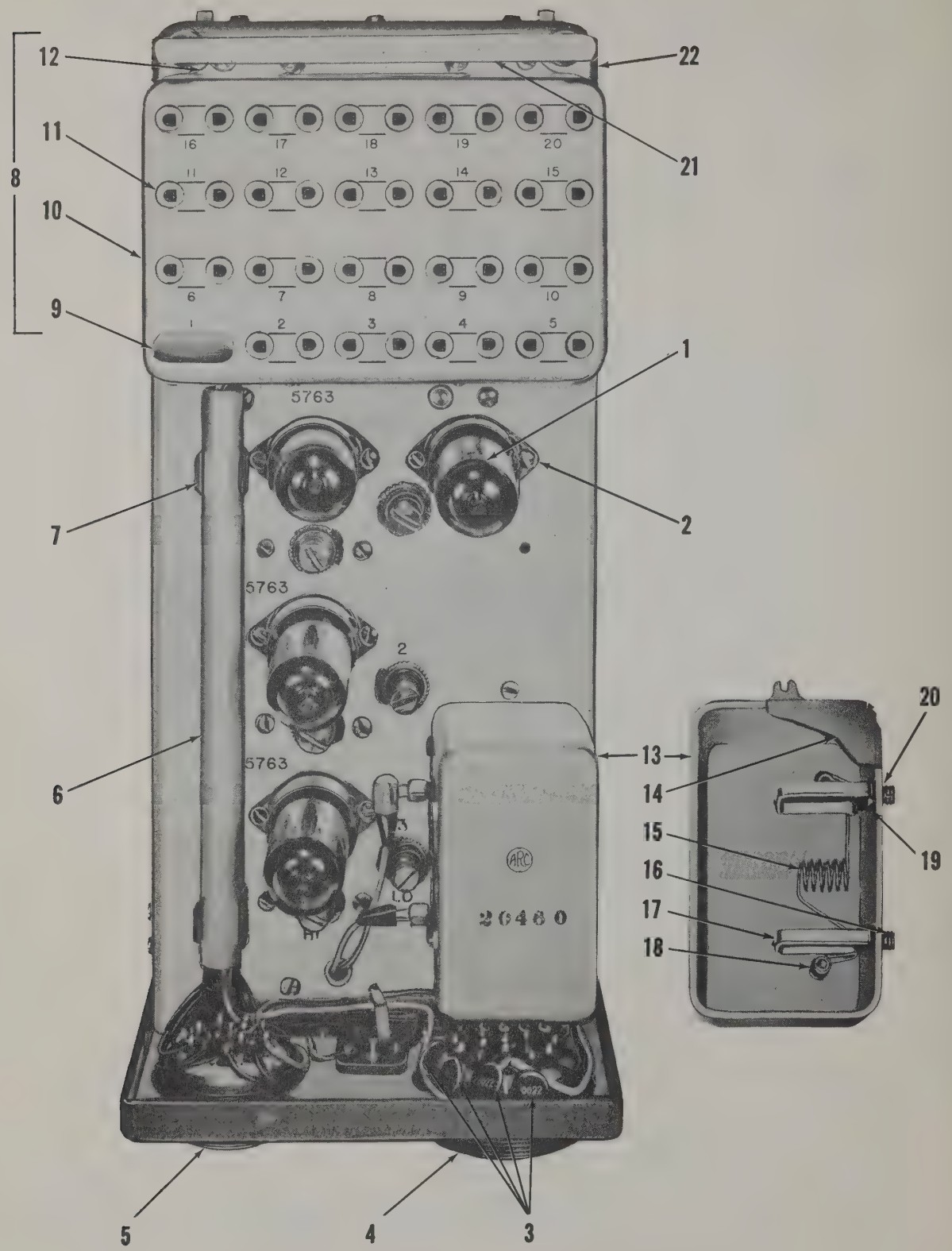

Figure 3. T-22 Transmitter, Top Interior View

Figure & Index No.	ARC Part No.	1 2 3 4 5 6 Description	Units per Assy
		(ATTACHING PARTS)	
	103(3/16)	. SCREW, Machine, bind hd, brs, ni pl, 3-48 thd by 3/16 in. lg . . .	1
	4103	. WASHER, Lock, sst, 0.105 ID by 0.220 OD by 0.025 in. thk . . . (SH)(1703)	1
		- - - * - - -	
2-14	—	. CHASSIS ASSEMBLY (see Figure 3)	1
3-	—	CHASSIS ASSEMBLY (see 14, Figure 2)	Ref
-1	700-126	. ELECTRON TUBE, Type 5763	4
-2	15230	. SOCKET, Electron tube (CIN)(53F13381).	4
		(ATTACHING PARTS)	
	103(3/16)	. SCREW, Machine, bind hd, brs, ni pl, 3-48 thd by 3/16 in. lg . . .	8
	14699	. TERMINAL, Lug	7
	20789	. TERMINAL, Lug	1
	4103	. WASHER, Lock, sst, 0.105 ID by 0.220 OD by 0.025 in. thk. . . . (SH)(1703)	8
	16138	. WASHER, Flat, al, 3/4 ID by 27/32 OD by 0.020 in. thk	4
		- - - * - - -	
-3	12350	. CONNECTOR, Receptacle, 19 terminal	1
		(ATTACHING PARTS)	
	5310	. NUT, Knurled (supplied with 3, Figure 3)	1
		- - - * - - -	
-4	8625(0.0022)	. CAPACITOR, Fixed, ceramic, 2200 $\mu\mu$f +100, -0 per cent, 500 . . vdcw (AB)(24-222W)	4
-5	16715	. CONNECTOR, Receptacle, 12 terminal	1
		(ATTACHING PARTS)	
	16720	. NUT, Knurled (supplied with 5, Figure 3)	1
		- - - * - - -	
-6	18668	. TUBE, Shielding	1
-7	18648	. CLIP.	2
		(ATTACHING PARTS)	
	506(1/4)	. SCREW, Assembled washer, bind hd, brs screw, sst lockwasher, . ni pl, 6-32 thd by 1/4 in. lg (SH)(SEMS)	2
		- - - * - - -	
-8	—	. CRYSTAL BANK ASSEMBLY	1
	503(1/4)	. SCREW, Assembled washer, bind hd, brs screw, sst lockwasher, . ni pl, 3-48 thd by 1/4 in. lg (SH)(SEMS)	4
		- - - * - - -	
-9	20456(*)	. . CRYSTAL, Quartz (not supplied with T-22)	AR
-10	18807	. . COVER	1
		(ATTACHING PARTS)	
	103(1/8)	. . SCREW, Machine, bind hd, brs, ni pl, 3-48 thd by 1/8 in. lg . .	4
		- - - * - - -	
-11	18827	. . RELAY AND SOCKET ASSEMBLY, used on 20680(14V).	20
-11	18828	. . RELAY AND SOCKET ASSEMBLY, used on 20680(28V).	20
		(ATTACHING PARTS)	
	503(5/32)	. . SCREW, Assembled washer, bind hd, brs screw, sst . . . . . lockwasher, 3-48 thd by 5/32 in. lg (SH)(SEMS)	40
		- - - * - - -	
-12	18658	. . PLATE	1
-13	20460	. FILTER ASSEMBLY.	1
		(ATTACHING PARTS)	
	503(3/16)	. SCREW, Assembled washer, bind hd, brs screw, sst lockwasher, . ni pl, 3-48 thd by 3/16 in. lg (SH)(SEMS)	2
		- - - * - - -	
-14	20465	. . COVER	1
		(ATTACHING PARTS)	
	503(1/4)	. . SCREW, Assembled washer, bind hd, brs screw, sst . . . . . lockwasher, ni pl, 3-48 thd by 1/4 in. lg (SH)(SEMS)	4
		- - - * - - -	

(*) Specify frequency in megacycles.

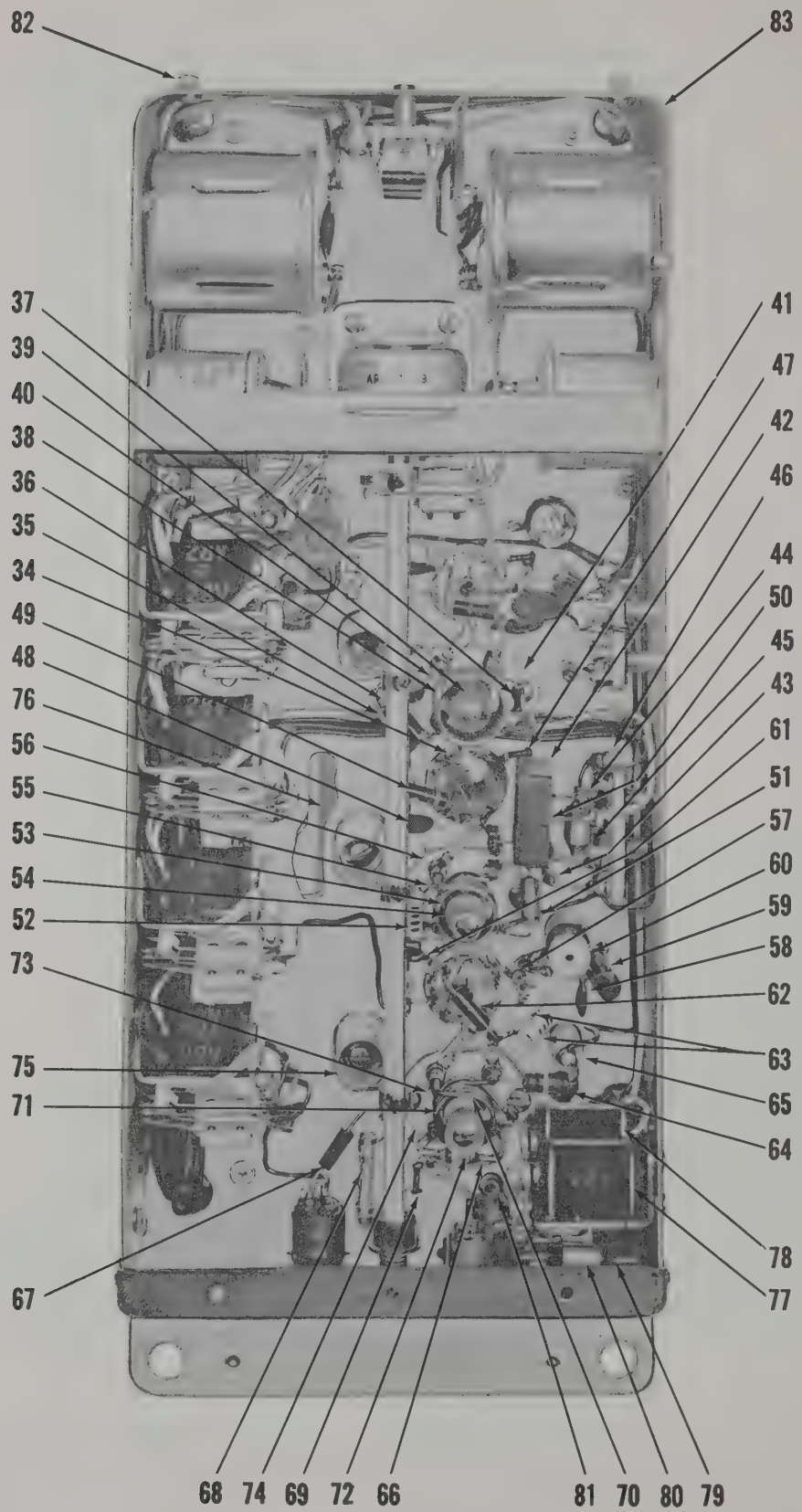

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Figure 4. T-22 Transmitter, Bottom Interior View (Sheet 1 of 2)

Figure & Index No.	ARC Part No.	1 2 3 4 5 6 Description	Units per Assy
3-15	20464	. . COIL, RF	1
-16	19323	. . CONNECTOR, Receptacle (FMCD)(3101)	2
		(ATTACHING PARTS)	
	—	. . NUT (supplied with 16, Figure 3)	2
		- - - * - - -	
-17	20463	. . LOOP	2
-18	8241	. . CAPACITOR, Fixed, ceramic, 50 μμf ±2 per cent (CN)	2
		(TC25HG500G)	
-19	20462	. . TERMINAL, Teflon	2
-20	20461	. . BOX	1
-21	18664	. HANDLE	1
		(ATTACHING PARTS)	
	108(3/8)	. SCREW, Machine, bind hd, brs, ni pl, 8-32 thd by 3/8 in. lg	2
	5108	. WASHER, Flat, phosphor bronze, ni pl, 0.166 ID by 7/16 OD by 1/16 in. thk	2
		- - - * - - -	
-22	—	. CHASSIS SUBASSEMBLY (see Figure 4)	1
4-	—	CHASSIS SUBASSEMBLY (see 22, Figure 3)	Ref
-1	12712	. RELAY (used on 20680(14V))	4
-1	12713	. RELAY (used on 20680(28V))	4
		(ATTACHING PARTS)	
	503(9/64)	. SCREW, Assembled washer, bind hd, brs screw, sst lockwasher, ni pl, 3-48 thd by 9/64 in. lg (SH)(SEMS)	8
		- - - * - - -	
-2	5416	. CAPACITOR, Fixed, electrolytic, 15 μf, 35 vdcw	2
		(ATTACHING PARTS)	
	503(9/64)	. SCREW, Assembled washer, bind hd, brs screw, sst lockwasher, ni pl, 3-48 thd by 9/64 in. lg (SH)(SEMS)	4
		- - - * - - -	
-3	8626(0.0047)	. CAPACITOR, Fixed, ceramic, 4700 μμf +100, -0 per cent, 500 vdcw (AB)(36-472W)	1
-4	18812	. TRANSFORMER, Modulation	1
		(ATTACHING PARTS)	
	503(9/64)	. SCREW, Assembled washer, bind hd, brs screw, sst lockwasher, ni pl, 3-48 thd by 9/64 in. lg (SH)(SEMS)	3
		- - - * - - -	
-5	201(1K)	. RESISTOR, Fixed, composition, 1000 ohms ±5 per cent, 1/2w (AB) (EB1025)	1
-6	201(200)	. RESISTOR, Fixed, composition, 200 ohms ±5 per cent, 1/2w (AB) (EB2015)(used on 28V model)	1
-7	201(110)	. RESISTOR, Fixed, composition, 110 ohms ±5 per cent, 1/2w (AB) (EB1115)(used on 14V model)	1
-7	201(200)	. RESISTOR, Fixed, composition, 200 ohms ±5 per cent, 1/2w (AB) (EB2015)(used on 28V model)	1
-8	12855	. TERMINAL BOARD	1
		(ATTACHING PARTS)	
	503(3/16)	. SCREW, Assembled washer, bind hd, brs screw, sst lockwasher, ni pl, 3-48 thd by 3/16 in. lg (SH)(SEMS)	2
		- - - * - - -	
-9	8684	. ARRESTER, Electrical surge, thyrite (GE)(866B191G6)	1
-10	6261	. TRANSFORMER, AF, microphone	1
		(ATTACHING PARTS)	
	503(9/64)	. SCREW, Assembled washer, bind hd, brs screw, sst lockwasher, ni pl, 3-48 thd by 9/64 in. lg (SH)(SEMS)	3
		- - - * - - -	
-11	17138	. BRACKET	1
		(ATTACHING PARTS)	
	503(7/32)	. SCREW, Assembled washer, bind hd, brs screw, sst lockwasher, ni pl, 3-48 thd by 7/32 in. lg (SH)(SEMS)	4
		- - - * - - -	

Figure & Index No.	ARC Part No.	1 2 3 4 5 6 Description	Units per Assy
4-12	18695	. CONTACT ASSEMBLY.	1
		(ATTACHING PARTS)	
	104(5/8)	. SCREW, Machine, bind hd, brs, ni pl, 4-40 thd by 5/8 in. lg . . .	2
	18675	. SPACER	2
		- - - * - - -	
-13	18788	. SOLENOID (used on 20680(14V))(LGHI)(BD-2E-2)	1
-13	17039	. SOLENOID (used on 20680(28V))(LGHI)(BD-2E-4)	1
		(ATTACHING PARTS)	
	4561	. NUT, Hexagon, brs, ni pl, 3-48 thd by 1/16 in. thk	2
	4103	. WASHER, Lock, sst, 0.105 ID by 0.220 OD by 0.025 in. thk (SH) .	2
		(1703)	
		- - - * - - -	
-14	214(1)	. PIN, Grooved, steel, 1 in. lg (GVP)(1)	1
-15	17141	. ARM.	1
		(ATTACHING PARTS)	
	304(1/8)	. SETSCREW, Bristo, cup point, sst, 4-40 NC-3 thd by 1/8 in. lg. .	1
	10290	. DISC.	1
		- - - * - - -	
-16	18705	. ARM.	3
		(ATTACHING PARTS)	
	304(1/8)	. SETSCREW, Bristo, cup point, sst, 4-40 NC-3 thd by 1/8 in. lg. .	3
	10290	. DISC.	3
		- - - * - - -	
-17	17027	. COLLAR	1
		(ATTACHING PARTS)	
	304(1/8)	. SETSCREW, Bristo, cup point, sst, 4-40 NC-3 thd by 1/8 in. lg. .	1
	10290	. DISC.	1
		- - - * - - -	
-18	17145	. SPRING	1
-19	18676	. SHAFT ASSEMBLY	1
-20	8625(0.0022)	CAPACITOR, Fixed, ceramic, 2200 $\mu\mu$f +100, -0 per cent, 500 vdcw.	1
		(AB)(24-222W)	
-21	200(560)	. RESISTOR, Fixed, composition, 560 ohms ±10 per cent, 1/4w (AB).	1
		(CB5611)	
-22	14528	. CHOKE, RF, 0.84 mh ±5 per cent	1
		(ATTACHING PARTS)	
	103(9/32)	. SCREW, Machine, bind hd, brs, ni pl, 3-48 thd by 9/32 in. lg. . .	1
	10353	. WASHER, Formed	1
	9538	. WASHER, Nonmetallic.	1
		- - - * - - -	
-23	8683	. ARRESTER, Electrical surge, thyrite (GE)(866B191G3)	1
-24	201(150)	. RESISTOR, Fixed, composition, 150 ohms ±5 per cent, 1/2w (AB) .	1
		(EB1515)	
-25	12855	. TERMINAL BOARD	1
		(ATTACHING PARTS)	
	503(3/16)	. SCREW, Assembled washer, bind hd, brs screw, sst lockwasher, .	2
		ni pl, 3-48 thd by 3/16 in. lg (SH)(SEMS)	
		- - - * - - -	
-26	201(300K)	. RESISTOR, Fixed, composition, 300,000 ohms ±5 per cent, 1/2w .	1
		(AB)(EB3045)	
-27	8625(0.0022)	. CAPACITOR, Fixed, ceramic, 2200 $\mu\mu$f +100, -0 per cent, 500 . .	1
		vdcw (AB)(24-222W)	
-28	8292	. CAPACITOR, Fixed, ceramic, 75 $\mu\mu$f ±5 per cent, 500 vdcw (CN) .	1
		(TU30750JU2J)	
-29	200(100K)	. RESISTOR, Fixed, composition, 100,000 ohms ±10 per cent, 1/4w.	1
		(AB)(CB1041)	
-30	8625(0.0022)	. CAPACITOR, Fixed, ceramic, 2200 $\mu\mu$f +100, -0 per cent, 500 . .	1
		vdcw (AB)(24-222W)	

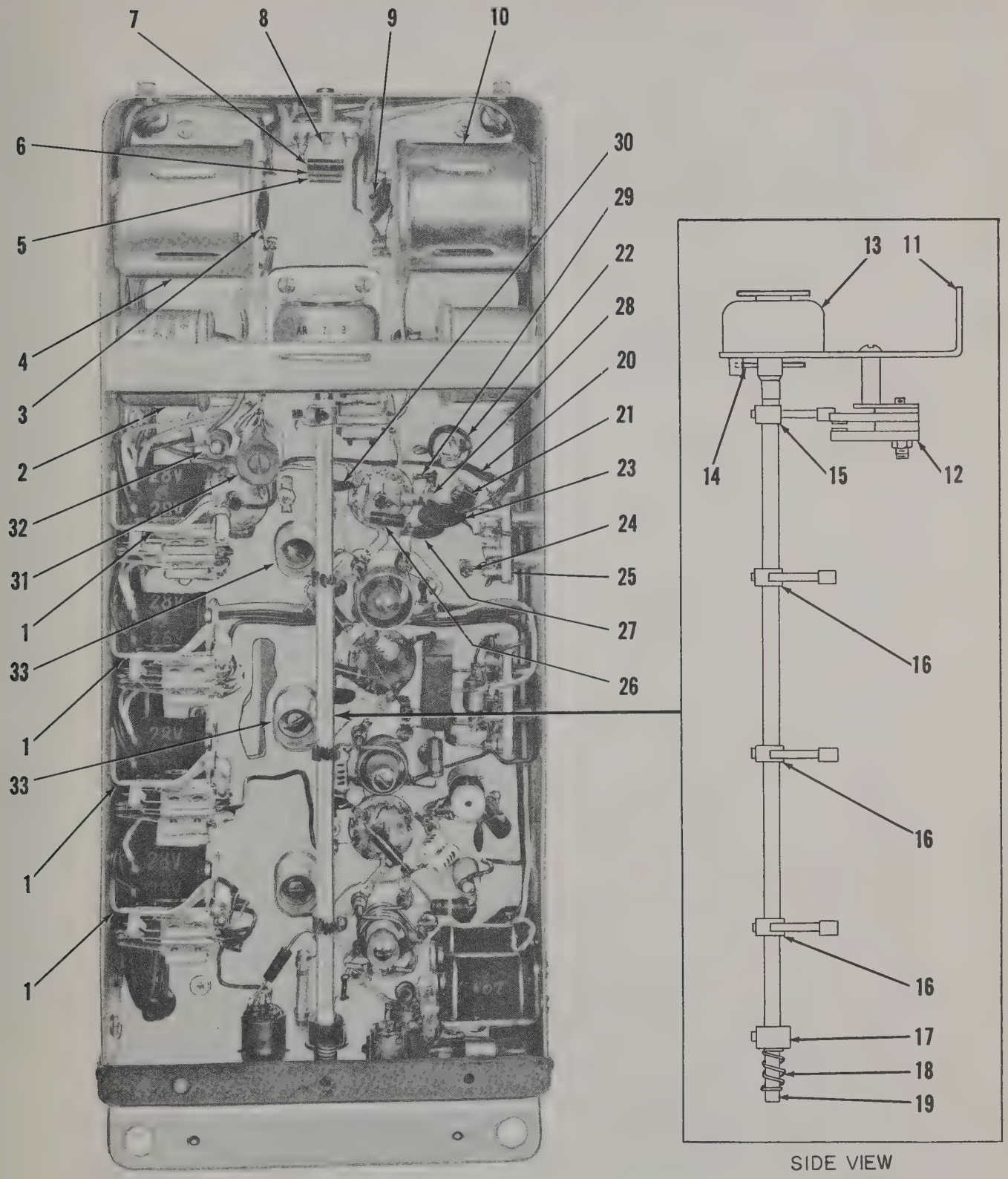

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Figure 4. T-22 Transmitter, Bottom Interior View (Sheet 2 of 2)

Figure & Index No.	ARC Part No.	1 2 3 4 5 6 Description	Units per Assy
4-31	8700	. RESISTOR, Fixed, wirewound, tapped at 1.6 ohms ±5 per cent, . . . 4w; and 2.6 ohms ±5 per cent, 6w (HWH)(1-1/2 H32)	1
		(ATTACHING PARTS)	
	104(1/4)	. SCREW, Machine, bind hd, brs, ni pl, 4-40 thd by 1/4 in. lg . . .	1
	5402	. WASHER, Flat, ni silver, 0.116 ID by 7/16 OD by 0.010 in. thk . .	1
	6776	. WASHER, Spring tension	AR
		- - - * - - -	
-32	14556	. INSULATOR	1
		(ATTACHING PARTS)	
	103(7/32)	. SCREW, Machine, bind hd, brs, ni pl, 3-48 thd by 7/32 in. lg . . .	1
	10353	. WASHER, Spring tension	1
	12924	. WASHER, Nonmetallic	1
		- - - * - - -	
-33	18776	. CAPACITOR, Variable	2
		(ATTACHING PARTS)	
	4697	. NUT, Knurled	2
		- - - * - - -	
-34	4520	. CAPACITOR, Fixed, ceramic, 100 μμf ±5 per cent, 500 vdcw (ERC) (308)	1
-35	8796(130)	. CAPACITOR, Fixed, ceramic, 130 μμf ±5 per cent, 500 vdcw (CN) . (CC30UJ131J)	1
-36	8877(1)	. CHOKE, RF, 1 μh ±20 per cent (JFE)(10100-630)	1
-37	200(560)	. RESISTOR, Fixed, composition, 560 ohms ±10 per cent, 1/4w (AB) . (CB5611)	1
-38	15829	. COIL, RF	1
-39	18771	. CORE ASSEMBLY	1
		(ATTACHING PARTS)	
	4697	. NUT, Knurled	1
		- - - * - - -	
-40	17056	. SPRING	1
-41	18677	. PLATE, Mounting	1
		(ATTACHING PARTS)	
	103(3/16)	. SCREW, Machine, bind hd, brs, ni pl, 3-48 thd by 3/16 in. lg . . .	1
	503(7/32)	. SCREW, Assembled washer, bind hd, brs screw, sst lockwasher, . . ni pl, 3-48 thd by 7/32 in. lg (SH)(SEMS)	1
	103(7/32)	. SCREW, Machine, bind hd, brs, ni pl, 3-48 thd by 7/32 in. lg . . .	2
	10353	. WASHER, Formed	2
	16908	. WASHER, Nonmetallic	2
		- - - * - - -	
-42	8618(1K)	. CAPACITOR, Fixed, mica, 1000 μμf ±2 per cent, 500 vdcw . . . . (CM35E102G)	1
-43	201(6.8MEG)	. RESISTOR, Fixed, composition, 6,800,000 ohms ±5 per cent, 1/2w . (AB)(EB6855)	1
-44	21176	. LAMP, Neon	1
-45	16725	. CLIP	1
-46	12856	. TERMINAL BOARD	1
		(ATTACHING PARTS)	
	503(3/16)	. SCREW, Assembled washer, bind hd, brs screw, sst lockwasher, . . ni pl, 3-48 thd by 3/16 in. lg (SH)(SEMS)	2
		- - - * - - -	
-47	200(100K)	. RESISTOR, Fixed, composition, 100,000 ohms ±10 per cent, 1/4w . (AB)(CB1041)	1
-48	8625(0.0022)	. CAPACITOR, Fixed, ceramic, 2200 μμf +100, -0 per cent, 500 . . vdcw (AB)(24-222W)	1
-49	201(270)	. RESISTOR, Fixed, composition, 270 ohms ±5 per cent, 1/2w (AB) . (EB2715)	1
-50	8625(0.0022)	. CAPACITOR, Fixed, ceramic, 2200 μμf +100, -0 per cent, 500 . . vdcw (AB)(24-222W)	1
-51	15174	. CHOKE, RF, 14 μh ±10 per cent (JFE)(CF Ir-7/16)	1
-52	4520	. CAPACITOR, Fixed, ceramic, 100 μμf ±5 per cent, 500 vdcw (ERC) (308)	1

Figure & Index No.	ARC Part No.	1 2 3 4 5 6 Description	Units per Assy
4-53	12041	. COIL, RF	1
-54	18772	. CORE ASSEMBLY	1
		(ATTACHING PARTS)	
	4697	. NUT, Knurled	1
		- - - * - - -	
-55	17056	. SPRING	1
-56	18677	. PLATE, Mounting	1
		(ATTACHING PARTS)	
	103(3/16)	. SCREW, Machine, bind hd, brs, ni pl, 3-48 thd by 3/16 in. lg	1
	503(7/32)	. SCREW, Assembled washer, bind hd, brs,screw, sst lockwasher, ni pl, 3-48 thd by 7/32 in. lg (SH)(SEMS)	1
	103(7/32)	. SCREW, Machine, bind hd, brs, ni pl, 3-48 thd by 7/32 in. lg	2
	10353	. WASHER, Formed	2
	16908	. WASHER, Nonmetallic, rubber	2
		- - - * - - -	
-57	201(30K)	. RESISTOR, Fixed, composition, 30,000 ohms ±5 per cent, 1/2w (AB)(EB3035)	1
-58	8624(680)	. CAPACITOR, Fixed, ceramic, 680 μμf ±20 per cent, 500 vdcw (AB)(16-681W)	1
-59	202(24K)	. RESISTOR, Fixed, composition, 24,000 ohms ±5 per cent, 1w (AB) (GB2435)	1
-60	12039	. CHOKE, RF, 5 μh	1
		(ATTACHING PARTS)	
	103(9/32)	. SCREW, Machine, bind hd, brs, ni pl, 3-48 thd by 9/32 in. lg	1
	10353	. WASHER, Formed	1
	9538	. WASHER, Nonmetallic, rubber	1
		- - - * - - -	
-61	8624(680)	. CAPACITOR, Fixed, ceramic, 680 μμf ±20 per cent, 500 vdcw (AB)(16-681W)	1
-62	201(24K)	. RESISTOR, Fixed, composition, 24,000 ohms ±5 per cent, 1/2w (AB)EB2435)	1
-63	4520	. CAPACITOR, Fixed, ceramic, 100 μμf ±5 per cent, 500 vdcw (ERC) (308)	2
-64	14141	. CHOKE, RF, 3 μh ±10 per cent (JFE)(10100-652)	1
-65	14556	. INSULATOR	1
		(ATTACHING PARTS)	
	103(7/32)	. SCREW, Machine, bind hd, brs, ni pl, 3-48 thd by 7/32 in. lg	1
	10353	. WASHER, Spring tension	1
	12924	. WASHER, Nonmetallic	1
		- - - * - - -	
-66	16964	. SEMICONDUCTOR DEVICE, Diode, Type 1N82A (SLE)	1
-67	201(10K)	. RESISTOR, Fixed, composition, 10,000 ohms ±5 per cent, 1/2w (AB)(EB1035)	1
-68	4513	. CAPACITOR, Fixed, ceramic, 200 μμf ±5 per cent, 500 vdcw (CN) (TU32201JU2J)	1
-69	200(1K)	. RESISTOR, Fixed, composition, 1,000 ohms ±10 per cent, 1/4w (AB)(CB1021)	1
-70	20667	. COIL, RF	1
-71	18787	. COIL, RF	1
-72	18773	. CORE ASSEMBLY	1
		(ATTACHING PARTS)	
	4697	. NUT, Knurled	1
		- - - * - - -	
-73	17056	. SPRING	1
-74	18677	. PLATE, Mounting	1
		(ATTACHING PARTS)	
	103(3/16)	. SCREW, Machine, bind hd, brs, ni pl, 3-48 thd by 3/16 in. lg	1
	503(7/32)	. SCREW, Assembled washer, bind hd, brs screw, sst lockwasher, ni pl, 3-48 thd by 7/32 in. lg (SH)(SEMS)	1
	103(7/32)	. SCREW, Machine, bind hd, brs, ni pl, 3-48 thd by 7/32 in. lg	2
	10353	. WASHER, Spring tension	2

Figure & Index No.	ARC Part No.	1 2 3 4 5 6 Description	Units per Assy
	18810	. TERMINAL, Lug	1
	17166	. TERMINAL, Lug	1
	16908	. WASHER, Nonmetallic	2
		- - - * - - -	
4-75	18777	. CAPACITOR, Variable	1
		(ATTACHING PARTS)	
	4697	. NUT, Knurled	1
		- - - * - - -	
-76	18669	. PLATE, Printed	1
-77	18794	. RELAY (14V)	1
-77	18795	. RELAY (28V)	1
		(ATTACHING PARTS)	
	503(9/64)	. SCREW, Assembled washer, bind hd, brs screw, sst lockwasher, ni pl, 3-48 thd by 9/64 in. lg (SH)(SEMS)	4
		- - - * - - -	
-78	18792	. RELAY (14V)	1
-78	18793	. RELAY (28V)	1
		(ATTACHING PARTS)	
	503(9/64)	. SCREW, Assembled washer, bind hd, brs screw, sst lockwasher, ni pl, 3-48 thd by 9/64 in. lg (SH)(SEMS)	4
		- - - * - - -	
-79	202(51)	. RESISTOR, Fixed, composition, 51 ohms ±5 per cent, 1w (AB) (GB5105)	1
-80	6343	. CLIP, Resistor	1
-81	14378	. TERMINAL, Lug	1
		(ATTACHING PARTS)	
	103(3/16)	. SCREW, Machine, bind hd, brs, ni pl, 3-48 thd by 3/16 in. lg	1
	4103	. WASHER, Lock, sst, 0.105 ID by 0.220 OD by 0.025 in. thk (SH)(1703)	1
		- - - * - - -	
-82	11839	. INSERT	2
		(ATTACHING PARTS)	
	504(3/16)	. SCREW, Assembled washer, bind hd, brs screw, sst lockwasher, ni pl, 4-40 thd by 3/16 in. lg (SH)(SEMS)	2
		- - - * - - -	
-83	18678	. CHASSIS	1

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CB1041	4-29	Ref
	4-47	
CB5611	4-21	Ref
	4-37	
CC30UJ131J	4-35	Ref
CFIr-7/16	4-51	Ref
CM35E102G	4-42	Ref
EB1025	4-5	Ref
EB1035	4-67	Ref
EB1115	4-7	Ref
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EB2015	4-6	Ref
	4-7	
EB2435	4-62	Ref
EB2715	4-49	Ref
EB3035	4-57	Ref
EB3045	4-26	Ref
EB6855	4-43	Ref
GB2435	4-59	Ref
GB5105	4-79	Ref
GLB5032SD3028L	2-9	Ref
IPC-18450	2-6	Ref
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M-4748	2-9	1
M-4761	2-9	1
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TU32201JU2J	4-68	Ref
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12039	4-60	1
12041	4-53	1
12155	2-5	1
12350	3-3	1
12517	2-6	5
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12681	4-10	1
12682	4-10	1
12712	4-1	4
12713	4-1	4
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12856	4-46	1
12924	4-32	2
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17004	2-6	1
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17011	2-10	1
17027	4-17	1

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17039	4-13	1
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17134	2-1	1
17138	4-11	1
17141	4-15	1
17145	4-18	1
17166	4-74	1
18648	3-7	2
18658	3-12	1
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18668	3-6	1
18669	4-76	1
18675	4-12	2
18676	4-19	1
18677	4-41	3
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18678	4-83	1
18695	4-12	1
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18771	4-39	1
18772	4-54	1
18773	4-72	1
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18777	4-75	1
18787	4-71	1
18788	4-13	1
18792	4-78	1
18793	4-78	1
18794	4-77	1
18795	4-77	1
18807	4-10	1
18810	4-74	1
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18828	3-11	20
19323	3-16	2
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201(1K)	4-5	1
201(10K)	4-67	1
201(110)	4-7	1
201(150)	4-24	1
201(200)	4-6	2
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201(24K)	4-62	1
201(270)	4-49	1
201(30K)	4-57	1
201(300K)	4-26	1
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202(24K)	4-59	1
202(51)	4-79	1
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Part No.	Figure & Index No.	Total Quantity
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20467	2-12	1
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20667	4-70	1
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20680(28V)	2-	1
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Part No.	Figure & Index No.	Total Quantity
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5416	4-2	2
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6261	4-10	1
6343	4-80	1
6776	4-31	AR
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8292	4-28	1
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8683	4-23	1
8684	4-9	1
8700	4-31	1
8796(130)	4-35	1
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